
Position Advertisement

SILVERSIDES

STRUCTURAL CONSULTING LTD.

Passion, Professionalism, Productivity

Your passion for engineering fuels your creative spirit and professional growth. Are you using your passion to create an empowered and potential filled future?

Silversides Structural Consulting is an emerging leader in our field in the Thompson/Okanagan region of British Columbia. We are seeking a skilled and dedicated **Structural Engineer** who believes in quality, productivity, and above all else possesses a passion for our industry.

This unique opportunity provides you with numerous benefits including a comprehensive benefits package, competitive wages, a dynamic family-friendly working environment, and future partnership potential.

As our ideal candidate, you possess current structural engineer certifications and 15 years experience in a variety of design formats. You are a self-starter who creates a masterpiece for every client. Your attention to detail creates exceptional cost-effective practical solutions. Your excellent interpersonal skills allow you to work and liaise effectively with clients and project teams both internal and externally.

Download your package from: www.ds-scl.com/careers and submit your application before August 20, 2010

Corporate Overview

Silversides Structural Consulting Ltd.

Silversides Structural Consulting Ltd. provides responsive, quality, locally based structural consulting services throughout the Interior and Okanagan of BC. We pride ourselves in providing timely, cost effective, high-quality services, which fully meet or exceed our client's needs, using sustainable and green practices.

A common sense approach, clear communication, and precise attention to detail for building structures is at the forefront of all design decisions at Silversides Structural Consulting Ltd. We are proud to be the only LEED accredited professional, structural consultant in Kamloops. This places us in a unique position to serve our larger corporate clients who have adopted LEED as the building standard including the City of Kamloops, the Province of B.C., and many municipalities across British Columbia.

Our Services

Silversides Structural Consulting Ltd. offers a diverse range of structural consulting and design services to architects, contractors, developers, engineers, builders, and insurance brokerages requiring professional technical services in the following areas:

Construction Mediums

- Conventional and pre-engineered wood frame design
- Heavy timber and log frame design
- Structural steel framing
- Light gauge steel framing
- Cast in place and precast concrete construction
- Masonry Construction

Project Types

- Recreational & Entertainment
- Multi family, high rise & hotel
- Institutional
- Office & Parkade
- Light Industrial - Warehouse
- Commercial & Retail
- Single family residential

Our Mission Statement

Silversides Structural Consulting Ltd. is dedicated to meeting the clients' needs by providing cooperative, cost effective structural building design solutions. In maintaining open lines of communication with the client, consultants, and construction personnel, we generate building construction success. This success is translated into lasting business relationships and exciting new opportunities.

The Kamloops Area

The Kamloops area is a unique blend of climatologically landscapes, from semi-desert to semi-arid, lake-front to soaring peaks. Our diverse and dynamic microclimates provide year round relaxation, recreation, and enjoyment including:

- Fishing
- Biking
- Hiking
- Baseball
- Curling
- Swimming
- Boating
- Waterskiing
- Snowshoeing
- Cross country skiing
- Downhill Skiing
- Hockey

If you are looking for a family-friendly community to raise children, Kamloops provides services and opportunities to meet the needs of today's busy household. We are a unique balance of flourishing, fast paced family oriented community and the quiet contemplative outdoors that make living here so fulfilling. We also have professional sports teams, a world-class university, and boundless recreational opportunities.

If you are seeking a quieter, relaxing community for your retirement, or are looking for a chance to move away from the "big-city hustle and bustle", Kamloops has lots for you too. We boast an incredibly active artistic community that embraces all artistic media, from music to stage productions, galleries to cottage crafts.

Regardless of what seeking in your future, Kamloops has it all here. Follow these links for more information about Kamloops and what we have to offer.

General information about Kamloops: [Kamloops Wikipedia information](#)

Things to see and do in Kamloops: [Tourism Kamloops](#)

The Kamloops Chamber of Commerce: [Kamloops Chamber](#)

News in Kamloops:

Kamloops Daily News: [Daily News - Online](#)

Kamloops This Week: [KTW - Online](#)

Position Description

Overview:

The Engineer provides technical expertise, structural engineering service, audit functions and review for drawings, plans, designs and theoretical hypotheses that fulfill the needs of our clients and conforms to local building codes, standards, and all code requirements. The engineer is a key member of our management team. As a result, strong decision-making, social skills, and communication expertise are essential.

Education/ Experience:

- B.Sc. in Structural Engineering
- P.Eng. Required
- B.C. Struct. Eng. An Asset.
- Experience using project design software in a Microsoft Environment
- Green Building experience and/or Certification an Asset
- Valid and Current Drivers License
- Combination of experience in the following design aspects of 15 years:
 - Conventional and pre-engineered wood frame design
 - Heavy timber and log frame design
 - Structural steel
 - Light gauge steel
 - Concrete
 - Masonry

Core Responsibilities:

Engineering

- Work closely with in-house team members to carry out cost effective and innovative design solutions
- Deliver quality structural engineering in the design of reinforced concrete, steel, masonry, and timber as applied to construction of buildings and structures
- Perform structural design and analysis calculations using governing codes, standards, engineering formulas, skills, and expertise
- Review structural drawings, plans, specifications, and special provisions
- Reviews and examines complex plans and specifications, identifying and advising on inadequacies, to ensure structural documents and specifications comply with all applicable requirements as outlined in building bylaws and local building codes
- Use computer assisted engineering and design software and equipment to prepare engineering design projects
- Review design options and make recommendations on assigned projects
- Analyze configurations of the basic structural components of a building or other structure
- Apply expert knowledge of the forces that act on various structures;
 - Perform engineering computations to analyze structural members and assemblies for structural integrity and compliance with applicable building codes
 - Calculate pressures, stresses and strains that components will experience from other parts of the structure due to human activities, environmental loads and equipment

- induced stress
- Consider and advise on issues regarding the strength of various materials, e.g. timber, concrete, steel and brick, to see how their inclusion may necessitate a change of structural design
- Investigates the suitability of materials and methods of construction for compliance with construction code
- Approves alternate methods or materials for code compliance within the scope of authority
- Make, revise or review drawings, specifications and computer models of structures for client and design team
- Review all related geotechnical and/or project consultant criteria in order to establish a baseline for project specific design requirements
- Perform engineering computations using mathematical methods such as multiplication, division, algebra, trigonometry, and calculus as required to effectively carry out building design functions

Project Management

- Work directly and indirectly with internal and external engineering and integration teams
- Liaise with other designers, including architects and building consultants, to agree on safe designs and their fit with the aesthetic concept of the construction
- Serve as project engineer and client liaison on projects
- Develop job cost estimates
- Track nonconformance issues within design projects and drawings
- Liaise with contractors, certification agencies and others to review newly erected buildings have been constructed in general conformance with structural designs
- Handle regular contract administration duties
- Perform field activities such as observing, measuring and recording field conditions in relation to projects
- Create, balance and work within set project budgets and schedules

General Responsibilities

- Utilize computers and computer-aided design (CAD) technology within a Windows environment
- Respond to questions related to codes, policies and procedures which are submitted by clients
- Provide feedback to ownership in regards to creation, editing, or application of any polices or procedures
- Effectively manage personal budgets such as travel, expenses, etc.
- Demonstrate continuous effort to improve operations, decrease turnaround times, streamline work processes, and work cooperatively and jointly to provide quality seamless customer service
- Communicate effectively, positively and in a timely matter with all project team members, via electronic systems (email), telephone, or in written correspondence
- Participate in management team meetings
- Participate in corporate goal setting, strategic planning and success tracking

Knowledge of:

- Building construction, standard construction materials, and advanced analysis and design concepts including computerized design calculations
- Nationally recognized codes and standards and related ordinances as required

Abilities required:

- Demonstrated use of professional judgment and common sense in the application and enforcement of the intent of code requirements
- Ability to objectively interpret and consistently apply code requirements and related standards in accordance with policies and procedures
- Read and accurately interpret building construction plans and specifications of any complexity
- High level ability to communicate in the English language by phone or in person in a one-to-one or group setting
- Produce written documents in the English language with clearly organized thoughts using proper sentence construction, punctuation, and grammar
- Work cooperatively with other employees, clients, and the public
- Present project tenders, reports, or other materials as required; using graphic instructions, such as blueprints, schematic drawings, building plans or other visual aids and electronic tools such as PowerPoint
- Ascend and descend ladders and unfinished stairs without handrails and/or fixed stair treads, such as working on a construction site
- Travel and maneuver over rough, uneven, rocky surfaces or terrain
- Comprehend and make inferences from written material
- Work safely without presenting a direct threat to self or others
- Travel as required

Remuneration Information

- Salary is commensurate with experience
- Benefit package is available
- The successful candidate may be eligible for partial relocation expense reimbursement following the 90 day probationary period

Additional Considerations

- Candidates are required to supply at least 3 references that will verify their skills and abilities
- Candidates will supply a copy of educational transcripts if graduation occurred since 1999
- Candidates must be bondable
- Candidates must have a valid driver's license
- Candidates must be willing to travel as required
- The chosen candidate will be required to successfully complete a 90 day probationary phase
- Candidates must complete and fax the "Release for Review" document contained in this package to 1-250-579-5441
- Candidates will submit a resume and cover letter to: dion@ds-scl.com by 4pm PST Friday, August 6th, 2010
- Potential candidates will be called within two weeks of closing date

Documents required for the submission package include:

- A cover letter outlining your desire to work with Silversides Structural Consulting Ltd.
- A resume that clearly demonstrates how you meet the requirements outlined in this package
- A signed release for review (faxed separately)
- A driver's abstract
- Copies of any certifications and/or credentials
- An educational transcript

Release For Review Authorization

By signing below, I authorize a representative of the Silversides Structural Consulting Ltd. to contact my references and verify any information I have provided within this package.

I understand that all personal information provided by me, with the exception of information required for the regular conduct of business, will be destroyed at the conclusion of the interview process.

Name: _____

Signature: _____ Date: _____